### BRIDGE REHABILITATION CONSISTS OF

3 -	64'-0" SPANS, BRIDGE DECK REPLACEMENT	SPEC	CIAL D	ESIGN	
4 -	- END POST AND GUARDRAIL ATTACHMENT DETAIL	GA.	STD.	3054 (5-	89)
	BAR BENDING DETAILS	GA.	STD.	3901 (8-	69)
	"W" BEAM GUARDRAIL	GA.	STD.	4010 (7-	97)
	POST AND OFFSET BLOCKS FOR "W" & "T" BEAM GUARDRAIL				
	GUARDRAIL CONNECTION AT BRIDGE END	GA.	STD.	4012C (4	-89)
	GUARDRAIL ANCHORAGE TYPE I	GA.	STD.	4012D (1	1-99)
	GUARDRAIL ANCHORAGE TYPE 12	GA.	STD.	4040 (7-	97)
	GUARDRAIL LOCATION DETAILS FOR UNDIVIDED HIGHWAYS AND ROADS	GA.	STD.	4052 (10	-97)
	STANDARD "T" BEAM GUARDRAIL	GA.	STD.	4270 (3-	89)
	CONCRETE SPILLWAYS	GA.	STD.	9017J (4	-89)
	REINFORCED CONCRETE APPROACH SLAB W/ASPHALT INLAY (NEW STANDARD)	GA.	STD.	9017R (8	-99)
	ISOMETRIC VIEWS OF SIDE ROAD OR DRIVE FLARE DETAIL AT BRIDGE ENDS -	GA.	STD.	9031T (8	-95)
	CONSTRUCTION DETAILS:				
	TEMP. SILT FENCE, BALED STRAW EROSION CHECK, BRUSH BARRIERS	D-24	IA (2-	01)	
	UNIFORM CODE SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL	D-37	7C (3-	98)	
	SUBBASES FOR APPROACH SLABS	M-2	(6-88	1)	

#### SUMMARY OF QUANTITIES

PAY ITEM			
NUMBER	QUANTITY		PAY ITEM
150-100		LS	TRAFFIC CONTROL, STP-MOOI-00(430)
165-003		LF	MAINTENANCE OF TEMPORARY SILT FENCE, TP C
171-003		LF	TEMPORARY SILT FENCE, TYPE C
310-510 402-181		SY TN	GR AGGR BASE CRS, 10 INCH, INCL MATL.
			RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME
402-312	l 21	TN	RECYCLED ASPH CONC 25 性性 SUPERPAVE, GP I OR 2, INCL BITUM MATL & H LIME
402-313	88 0	TN	RECYCLED ASPH CONC 12.5 地地 SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
402-319	0 31	TN	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP   OR 2, INCL BITUM MATL & H LIME
432-501	0 772	SY	MILL ASPH CONC PVMT, VARIABLE DEPTH
433-203	0 219	SY	REINF CONC APPROACH SLAB, INCL SLOPED EDGE & SUBBASE
441-030	1	EA	CONC SPILLWAY, TP I
441-030	2	EA	CONC SPILLWAY, TP 2
449-162	0 40	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO - I, BENT NO I
449-162	0 37	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO - 1, BENT NO 2
449-162	0 37	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO - I, BENT NO 3
449-162	0 37	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO - I, BENT NO 4
500-010	0 604	SY	GROOVED CONCRETE
500-100	6 LUMP	LS	SUPERSTR CONCRETE, CL AA, BR NO - 1 (190)
500-210		LF	CONCRETE BARRIER .
511-300		LS	SUPERSTR REINF STEEL, BR NO - 1 (54380)
540-120		LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO - I
576-101		LF	SLOPE DRAIN PIPE, 15 IN
603-202		SY	STN DUMPED RIP RAP, TP I, 24 IN
603-700		SY	PLASTIC FILTER FABRIC
632-000		EA	VARIABLE MESSAGE SIGN, PORTABLE, TYPE 3
641-110		LF . –	GUARDRAIL, TP T
641-120		LF	GUARDRAIL, TP W
641-500		EA	GUARDRAIL ANCHORAGE, TYPE I
641-501		EA	GUARDRAIL ANCHORAGE, TYPE 12
652-545		LF	SOLID TRAFFIC STRIPE, 5IN, WHITE
652-545	1000	LF	SOLID TRAFFIC STRIPE, 5IN, YELLOW

# GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD	SPECIFICATIONS, 19	3 EDITION,	AND	1997 SUPPLEMENTAL
SPECIFICATIONS AS MODIFIED BY	CONTRACT DOCUMENTS	· ·		

- REINFORCING STEEL ALL REINFORCING STEEL SHALL BE PLACED AND TIED IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.
- CHAMFER ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED & INCH UNLESS OTHERWISE NOTED.
- TRAFFIC CONTROLS ROAD SHALL BE CLOSED DURING BRIDGE CONSTRUCTION. SEE DETOUR PLAN.
- EXISTING BRIDGE PLANS PLANS FOR EXISTING BRIDGE MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE EXISTING BRIDGE WAS BUILT UNDER PROJECT NUMBER R.A.B. (4) S.P. 1937-A(5) SEC. 3.
- DIMENSIONS AND ELEVATIONS ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.
- EPOXY RESIN ADHESIVE EPOXY RESIN ADHESIVE TYPE II SHALL BE APPLIED TO ALL HARDENED CONCRETE SURFACES JUST PRIOR TO POURING THE CONCRETE FOR THE NEXT STAGE OF CONSTRUCTION, SEE SECTION 886 OF THE GEORGIA DOT SPECIFICATIONS. COST OF EPOXY ADHESIVE AND ITS APPLICATION SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- EXISTING REINFORCEMENT EXISTING REINFORCEMENT TO BE UTILIZED IN NEW CONSTRUCTION SHALL BE BENT IN A MANNER TO PROVIDE THE MAXIMUM LAP POSSIBLE OR AS SHOWN ON THE PLANS. EXISTING REINFORCEMENT SHALL BE THOROUGHLY CLEANED OF CONCRETE SCALE AND RUST BEFORE BONDING INTO BEFORE BONDING INTO NEW CONSTRUCTION.
- EXISTING ANCHOR BOLTS REPLACE THE BENT ANCHOR BOLT AT THE FOLLOWING LOCATION:
  BENT 3 BEAM |
  BOLT SHALL BE REMOVED AND REPLACED WITH A NEW | DIA. SWEDGED ANCHOR, | -8" LONG,
  WITH HEX NUTS AND %" X 3%" WASHERS, CLEAN HOLES THOROUGHLY AND USE HILTI HSE 2411
  EPOXY ADHESIVE ANCHORING SYSTEM, OR APPROVED EQUAL, TO ANCHOR THE BOLTS IN ACCORDANCE
  WITH THE MANUFACTURER'S RECOMMENDATION. NUTS WASHERS AND BOLTS SHALL BE ASTM A-276
  TYPE 304. COST SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- UTILITY HANGERS INSERTS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. INSERTS SHALL BE GRINNELL FIGURE 282 OR APPROVED EQUAL. COST OF FURNISHING AND INSTALLING INSERTS SHALL BE INCLUDED IN OVERALL BID SUBMITTED. ALL OTHER COMPONENTS OF HANGER ASSEMBLIES SHALL BE FURNISHED AND INSTALLED BY UTILITY OWNER.
- PROTECTIVE SURFACE TREATMENT PROTECTIVE SURFACE TREATMENT WILL BE REQUIRED AT THIS SITE AS PER SUB-SECTION 500.13.C OF THE GEORGIA DOT SPECIFICATIONS.
- GROOVED CONCRETE THE ENTIRE LENGTH OF THE BRIDGE SHALL BE GROOVED TRANSVERSELY AS PER SUB-SECTION 500.11.C.6.C.(2) OF THE GEORGIA DOT SPECIFICATIONS.
- WELDING ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS
  THAT HAVE IN THEIR POSSESSION A CURRENTWELDING CERTIFICATION CARD ISSUED BY THE
  GEORGIA DOT OFFICE OF MATERIALS AND RESEARCH. ONLY E70XX (EXCLUDING E7014 AND E7024)
  LOW HYDROGEN ELECTRODES SHALL BE USED FOR MANUAL SHIELDED METAL ARC WELDING.
- SALVAGE MATERIAL NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.
- INCIDENTAL ITEMS COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.
- NOI NOI IS NOT REQUIRED ON THE PROJECT.
- REMOVAL OF PARTS OF THE EXISTING BRIDGE THE REMOVAL OF PARTS OF THE EXISTING BRIDGES SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 540 REMOVAL OF EXISTING BRIDGE. DISPOSAL SITES SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO ANY WORK ON THIS ITEM. COSTS OF THE REMOVAL OF THE EXISTING BRIDGE DECK, SIDEWALK, HANDRAILS, APPROACH SLABS & PAVEMENT, SPILLWAYS & GUARDRAILS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540-1202, REMOVAL OF PARTS OF EXISTING BRIDGE.
- REDRESS END ROLLS BRIDGE END ROLLS SHALL BE REDRESSED UNDER THE END BENTS TO CORRECT EROSION & SETTLEMENT AS DIRECTED BY THE ENGINEER. COST SHALL BE INCLUDED IN PRICE BID FOR PAY ITEM 603-2024, STN DUMPED RIP RAP.
- STANDARD PLAN MODIFICATION THE APPROACH SLAB STANDARD SHALL BE MODIFIED TO INCREASE THE INCH EXPANSION JOINT SHOWN BETWEEN THE APPROACH SLAB AND THE BACK FACE PAVING REST TO I INCH. SEE MISCELLANEOUS DETAILS SHEET FOR EXPANSION JOINT DETAILS.
- PAINTING ANY DAMAGE TO THE PAINT OF THE BEAMS DURING REMOVAL AND/OR REPLACING OF ENDWALLS / EDGE BEAMS SHALL BE REPAIRED USING SYSTEM VI PAINT SYSTEM. ALL PAINTING SHALL BE IN ACCORDANCE WITH SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. THE COST OF PAINTING SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.

re	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	
١.	STP-M00I-00(430)	6	10	

### DESIGN DATA

SPECIFICATIONS AASHTO 1996 AND 1997, 1998 AND 1999 INTERIMS (DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
TYPICAL HS15-44 IMPACT ALLOWED
FUTURE PAVING ALLOWANCE 15 LBS PER SQ FT
CONCRETE: SUPERSTRUCTURE
REINFORCEMENT STEEL: GRADE 60, fy = 60,000 PSI

#### CONSTRUCTION SEQUENCE

ESTABLISH ROAD / BRIDGE CLOSURE AS SHOWN ON DETOUR PLAN.
REMOVE & REPLACE PARTS OF EXISTING BRIDGE ACCORDING TO PLANS.

3. REMOVE & RECONSTRUCT ROADWAY ITEMS ACCORDING TO PLANS.
4. REMOVE TRAFFIC CONTROL MEASURES & OPEN COMPLETED BRIDGE

TO TRAFFIC.

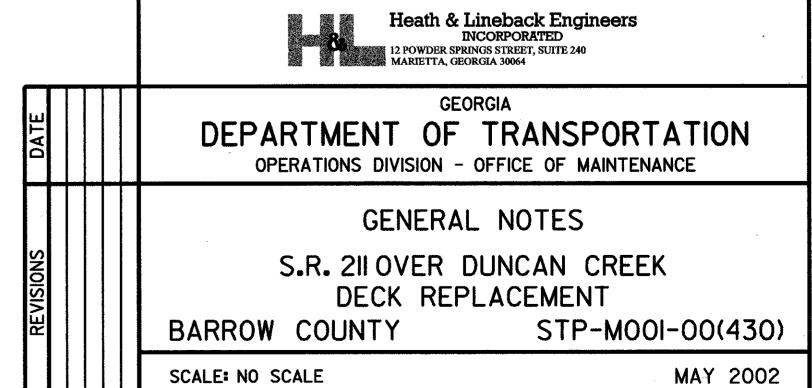
## EXISTING UTILITIES

GAS MAIN	ATLANTA GAS LIGHT COMPANY
TELEPHONE	ALLTEL GEORGIA, INC.

### TRAFFIC DATA

TRAFFI	>	 ADT	=	7400	(20	000)
		ADT	=	11100	(2	020)
DESIGN	SPEED	 			55	MPH
TRUCKS		 				10%

BRIDGE NO. I



BRIDGE SHEET

DESIGNED

DRAWN

CHECKED JC
DESIGN GROUP

REVIEWED